



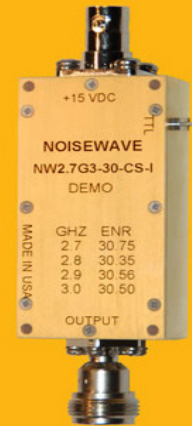
# CALIBRATED NOISE SOURCES WITH ISOLATOR

NoiseWave's NW-CS-I Calibrated Source Series are broadband calibrated noise sources with an integral isolator, ideal for Noise Figure measurement and a variety of built in test applications. These products feature high output ENR with excellent flatness and stability. Designed for demanding military applications, these units can be economically deployed in commercial applications.

### Specifications:

Output: ENR 30 - 35 dB  
 Impedance: 50 Ohms  
 Output Connector: SMA female  
 Input Connector: BNC jack  
 VSWR: 1:30:1 Typical  
 Input : +28Vdc  
 Operating temperature: -20°C to +75°C

Other output levels and frequency ranges are also available; please contact NoiseWave to discuss your needs.



MODEL	FREQUENCY RANGE (GHz)	OUTPUT ENR (dB)	FLATNESS (dB)
NW1.4G1.6-30-CS-I	1.4 - 1.6	30 - 35	+/- 0.75 max
NW2.1G2.5-30-CS-I	2.1 - 2.5	30 - 35	+/- 0.75 max
NW2.7G3.1-30-CS-I	2.7 - 3.1	30 - 35	+/- 0.75 max
NW3.7G4.2-30-CS-I	3.7 - 4.2	30 - 35	+/- 0.75 max
NW5.4G5.9-30-CS-I	5.4 - 5.9	30 - 35	+/- 0.75 max
NW7.2G8.4-30-CS-I	7.2 - 8.4	30 - 35	+/- 0.75 max
NW10.7G12.7-30-CS-I	10.7 - 12.7	30 - 35	+/- 0.75 max

### OPTIONS:

- NF: N female output connector
- NM: N male output connector
- T: TTL High = on
- TL: TTL Low = on
- SL: Solder Lug input
- 15: +15 Vdc input power

NoiseWave offers military-screened models, additional standard models, and custom designs with different frequency ranges, output levels, DC supply voltage, and mechanical configurations. Contact the factory to discuss your specific requirements.

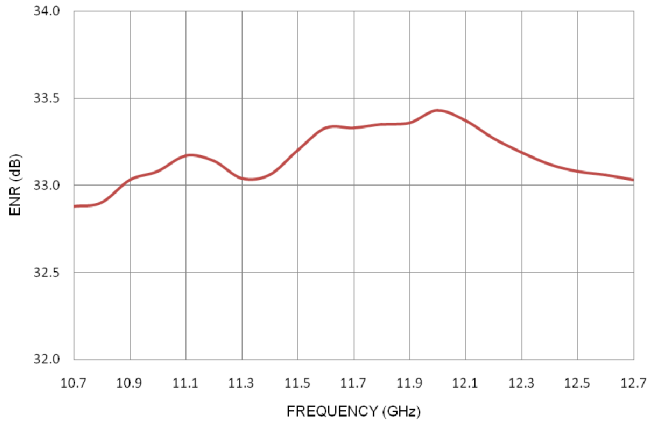
Phone: 973-386-1119  
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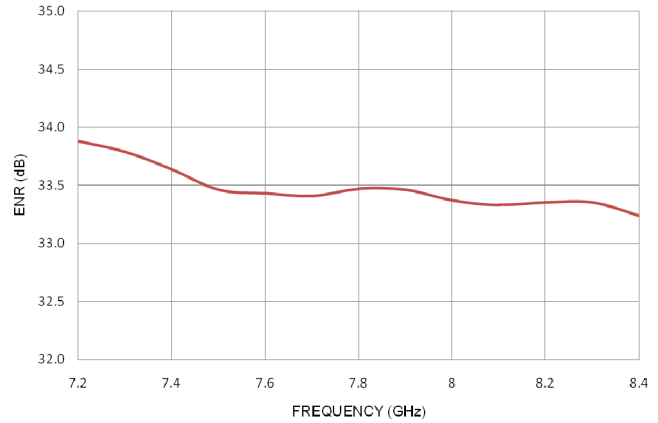


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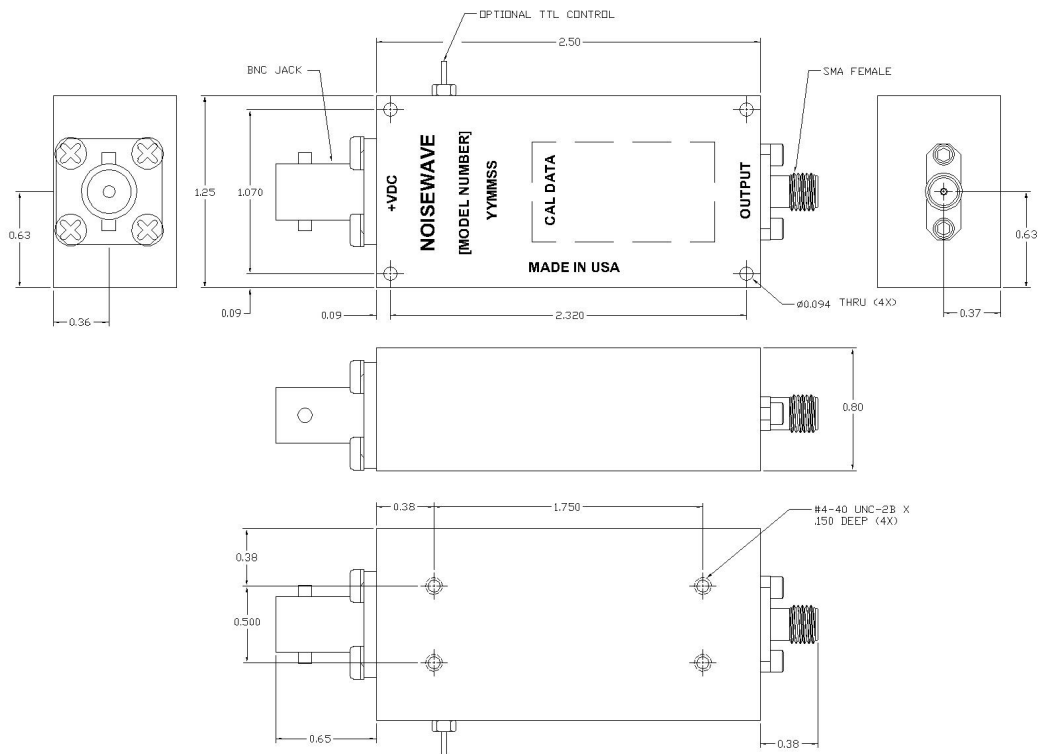
NW10.7G12.7-30-CS-I - Typical ENR



NW7.2G8.4-30-CS-I - Typical ENR



## STANDARD OUTLINE



(DIMENSIONS IN INCHES)

ADDITIONAL STANDARD AND CUSTOM PACKAGES AVAILABLE. CONTACT THE FACTORY TO DISCUSS YOUR SPECIFIC REQUIREMENTS.

Phone: 973-386-1119  
 Fax: 973-386-1131  
 Email: [info@noisewave.com](mailto:info@noisewave.com)  
 Website: <http://www.noisewave.com>

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